

NGDA Theme Community Meeting

July 16, 2020
1:00 – 2:30 PM ET

Webinar:

[Join Microsoft Teams Meeting](#)

Dial-In (if not joining via Teams audio):

703.648.4848 / Toll Free: 855.547.8255

Code: 79000#



Agenda

- ❖ Welcome and Roll Call
- ❖ NGDA Changes for Steering Committee Vote
- ❖ GDA Reporting Review and Theme Compliance
- ❖ Next Steps for NGDA Theme GDA Compliance
 - ❖ Theme Implementation Plans
 - ❖ Baseline Standards Inventory
 - Managing the Inventory Process
 - Review the “Companion Guide” document
 - Demonstration of Inventory questionnaire
- ❖ NGDA Inventory & POC Updates
- ❖ Action Item Review
- ❖ Open Discussion

Roll Call

Theme	Name	Agency	Theme	Name	Agency
Address	Matt Zimolzak	Census Bureau	Governmental Units	Dierdre Bevington-Attardi	Census Bureau
Address	Steve Lewis	DOT	Imagery	Greg Snyder	USGS
Biodiversity and Ecosystems	Marcia McNiff	USGS	Imagery	John Mootz	USDA
			Land Use - Land Cover	Greg Reams	USFS
			Land Use - Land Cover	Brad Reed	USGS
Cadastre	Dominica VanKoten	BLM	Real Property	Valerie Butler	GSA
Climate and Weather	Kari Sheets	NOAA	Soils	Drew Kinney	USDA
Cultural Resources	Deidre McCarthy	NPS	Transportation	Derald Dudley	DOT
Elevation	Ashley Chappell	NOAA	Utilities - Offshore	Jeff Harris	BSEE
Elevation	Sue Buto (Jan-Apr)	USGS	Utilities - Terrestrial	TBD	
Geodetic Control	Daniel Roman	NOAA	Water - Inland	Megan Lang	FWS
			Water - Inland	Becci Anderson	USGS
Geology	Paul Godfriaux	BOEM	Water - Oceans and Coasts	Patrick Keown	NOAA
Geology	Dave Soller	USGS			

Finalizing the NGDA Changes for Steering Committee Vote



Soils Theme

Action: Approve One New NGDA

- ❖ **New NGDA: Gridded Soil Survey Geographic (gSSURGO-30) Database for the Conterminous United States - 30 meter**
 - ❖ NGDAID 193: Gridded Soil Survey Geographic (gSSURGO-30) Database for the Conterminous United States - 30 meter
<https://catalog.data.gov/dataset/gridded-soil-survey-geographic-gssurgo-30-database-for-the-conterminous-united-states-30-m>
 - ❖ Last update: 2/21/2020
 - ❖ Last update in GeoPlatform.gov: no record to date
 - ❖ The gSSURGO file geodatabase format eliminates the file size limitations of the original distribution format (SSURGO) and adds a raster soils layer and a pre-summarized table for ready-to-map data.
- ❖ **POCs:**
 - Dataset Managers(s):** Drew Kinney drew.kinney@usda.gov
 - Metadata Manager(s):** Steve Peaslee steve.peaslee@usda.gov
 - Theme Lead(s):** Drew Kinney drew.kinney@usda.gov

Soils Theme

Action: Approve Retiring One NGDA

❖ NGDA to Retire: National Coordinated Common Resource Areas (CRA)

Geographic Database

❖ NGDAID 136: No Data.gov link; GeoPlatform -

<https://www.geoplatform.gov/resources/datasets/bc62e73538e88c6a121a68d4216b5159/>

❖ Last update Data.gov: unknown

❖ Last update in GeoPlatform.gov: 3/10/17


❖ The CRA data layer has been removed from catalog.data.gov. The CRA layer was used only internally for farm program applications and has not been maintained or updated since 2007.


❖ POCs:

Dataset Managers(s): Drew Kinney drew.kinney@usda.gov

Metadata Manager(s): Steve Peaslee steve.peaslee@usda.gov]

Theme Lead(s): Drew Kinney drew.kinney@usda.gov

Theme	Lead Agency	Action for Vote	NGDA Dataset	Change Justification
International Boundaries	DOS	Approve new NGDA Data Theme	n/a	Reference DoS presentation from June Steering Committee meeting – attached to vote email.
	DOS	Approve New NGDA Dataset for Theme	Large Scale International Boundaries	If you voted yes for the new Theme, you are also approving this dataset.
Biodiversity and Ecosystems	USGS	Retiring NGDA	Environmental Sensitivity Index (ESI) Data Viewer and REST Services for Atlases	No longer funded or supported
	USGS	Approve New NGDA	GAP/LANDFIRE National Terrestrial Ecosystems	Meets all requirements for an NGDA
Cadastre	BLM	Approve Splitting NGDA into Three NGDA	BLM National Surface Management Agency Area Polygons	Replaces a single NGDA with three NGDA (two still in development)
	BLM 	Approve Replacing NGDA	BLM National Administrative Unit Boundary Polygons and Office Points - National Geospatial Data Asset (NGDA)	Combines polygons and points into one NGDA
	BIA	Approve Replacing NGDA	BAmerican Indian Reservations (AIR) Exterior Extent Boundaries	Updates a similar NGDA

Theme	Lead Agency	Action for Vote	NGDA Dataset	Change Justification
<i>Climate and Weather</i>	NOAA	Approve Retiring NGDA	Parameter- Elevation Regressions on Independent Slopes Model (PRISM) Dataset	Retire, commercial dataset, no longer supported
<i>Governmental Units, and Administrative and Statistical Boundaries</i>	BLM	Approve Combining two NGDA into one NGDA	BLM National Surface Management Agency Area Polygons	Combines NGDAID 67 (Boundary Polygons) and NGDAID 68 (Office Points) into one NGDA
	Census	Approve Retiring NGDA	Census Bureau Regional Office Boundaries	Only available as a PDF, not a TIGER/Line Shapefile, or as a WMS/WFS. Map data is not geo-referenced and should be disqualified as a NGDA. Will be archived.
	EPA 	Approve Retiring NGDA	EPA Facility Locations and Regional Boundaries	A dataset manager has not been identified for this NGDA, and there are no recent updates on the GeoPlatform.

<i>Theme</i>	Lead Agency	Action for Vote	NGDA Dataset	Change Justification
<i>Imagery</i>	USGS	Approve Replacing NGDA	USGS High Resolution Orthoimagery Collection - Historical - National Geospatial Data Asset (NGDA) High Resolution Orthoimagery	No longer funded or supported. Moved from active to historical.
	USGS	Add new NGDA	Landsat 8 Operational Land Imager (OLI) and Thermal Infrared Sensor (TIRS) Collection 1 V1	New NGDA in line with Landsat 4-5 and 7
<i>Soils</i>	NRCS	Add New NGDA	GSSURGO	Eliminates file size limitation and adds raster soils layer
	NRCS	Approve Retiring NGDA	National Coordinated Common Resource Areas (CRA)	Used only internally and not updated for last 7 years
<i>Transportation</i>	Census	Approve Retiring NGDA	TIGER/Line Shapefile, 2011, Series Information File for the 2010 Census Traffic Analysis Zone (TAZ) State-based Shapefile	Retire: no longer funded or supported

GDA Theme Reporting



Review of Requirements for Compliance

GDA Reporting Requirements

- ❖ **Lead Covered Agencies:** Section 756 (3)(E)(ii)(I): a performance report, at least annually, that documents the activities relating to and implementation of the National Geospatial Data Asset data theme, including progress in achieving the requirements under subparagraphs (A), (B), (C), and (D);
 - ❖ (A)* Data Standards – Include results from Standards Baseline Inventory.
 - ❖ (B)* Plan for population of the NGDA Theme – To be developed.
 - ❖ (C)* Establish goals that support the NSDI Strategic Plan – New plan under development. First year use Theme Strategic and Implementation Plan goals, objectives and activities.
 - ❖ (D)* Analyze and incorporate needs of users – To be developed.

* Paraphrased

Next Steps for NGDA Theme Compliance

- ❖ Complete Baseline Standards Inventory
- ❖ Lead Covered Agency Report Template Development
 - ❖ Finalize FY2020 Reporting Template
 - ❖ Use current Theme Strategic and Implementation Plans blended with standardized boiler plate 756(b)(3)(A)-(D) reporting updates
 - ❖ 756(b)(3)(B) - Include results of Standards Baseline Inventory
 - ❖ 756(b)(3)(C) – Use current Strategic and Implementation Plan goals, objectives and activities, cite.
 - ❖ Develop Implementation Plan for Reporting
 - ❖ Build uniform approach to addressing reporting requirements across all Themes
 - ❖ Build templates for consistent reporting to meet GDA and Revised OMB A-16 and updated NSDI Strategic Plan
 - ❖ Build successive year reporting templates as 756(b)(3)(A)-(D) implementation strategies are refined and implemented.

Reminder: Theme Implementation Plans

Theme Implementation Plan Status	Name	Agency
Address – FY 19	Lynda Liptrap	Census Bureau
	Steve Lewis	DOT
Cadastre – FY 19	Dominica VanKoten	BLM
Cultural Resources – FY19	Diedre McCarthy	NPS
Geodetic Control – FY 19	Daniel Roman	NOAA
Governmental Units – FY 19	Dierdre Bevington-Attardi	Census Bureau
Imagery – FY 19	Greg Snyder	USGS
	John Mootz	USDA
Water – Inland – FY 19	Megan Lang	FWS
	Becci Anderson	USGS

Theme Implementation Plan Status	Name	Agency
Elevation – FY 18	Ashley Chappell	NOAA
	Sue Buto (Jan-Apr)	USGS
Geology – FY 18	Paul Godfriaux	BOEM
	Dave Soller	USGS
Land Use - Land Cover – FY 18 <i>DRAFT</i>	Greg Reams	USFS
	Brad Reed	USGS
Transportation – FY 18	Derald Dudley	DOT
Water - Oceans and Coasts – FY 18	Patrick Keown	NOAA
Real Property – FY 17	Valerie Butler	GSA
Biodiversity and Ecosystems - NONE	Marcia McNiff	USGS
Soils – NONE	Drew Kinney (Suzanne Kienast)	USDA
Utilities – Offshore – NONE	Jeff Harris	BSEE
	TBD	

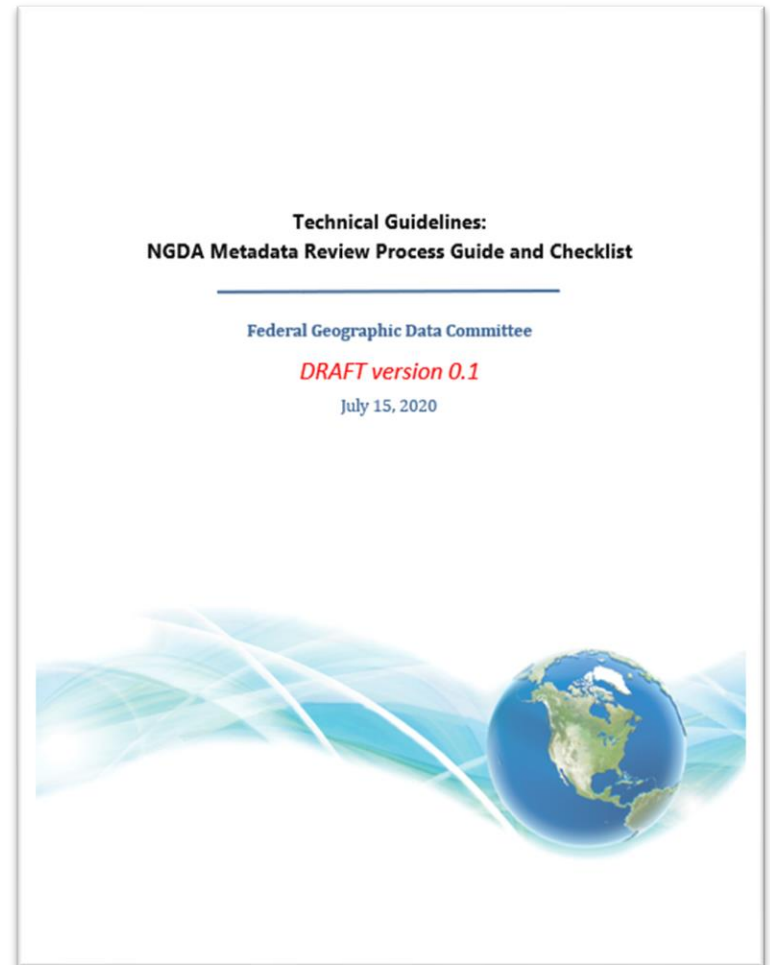
NOTE: We are working on a template for GDA Reporting and anticipate using existing Plans to populate Report sections for this initial baseline year.

Metadata Review Process



Metadata Review Process

- ❖ Developing Process Guide and Checklist based on Metadata Guidelines*
 - ❖ Review performed annually
 - ❖ Metadata Links checked
 - ❖ Metadata content checked
- ❖ Results posted online for NGDA DSM to review and correct deficiencies
- ❖ Follow-up review with DSM if needed
- ❖ Status Report provided to SOGI's for Agency reporting



* [FGDC Technical Guidance: Data.gov and The GeoPlatform Metadata Recommendations - including Guidelines for National Geospatial Data Assets \(NGDA\)](#)

Baseline Standards Inventory for Geospatial Data and Metadata



Baseline Standards Inventory

- ❖ Background
- ❖ Managing the Inventory Process
- ❖ The “Companion Guide”
- ❖ Demonstration of the Survey

Inventory Background

❖ Geospatial Data Act of 2018

- ❖ **Lead Covered Agencies:** Annual performance reports require information to address GDA Sec 756(b)(3)(A), “facilitate the development and implementation of geospatial data standards for the National Geospatial Data Asset data Theme.” [supports “(i) assessing existing standards”]
- ❖ **Covered Agencies:** Sec 759 (a)(6), “use the geospatial data standards, including the standards for metadata for geospatial data, and other appropriate standards, including documenting geospatial data with the relevant metadata and making metadata available through the GeoPlatform.”

❖ Federal Data Strategy Action Plan 2020 – Action 10 Milestone

- ❖ Track NGDAs for implementation of standards. Percentages of NGDAs with: i) metadata standards, ii) established content standards, iii) standards in process, iv) data assets not requiring standards, v) no established standards.

Managing the Inventory Process

❖ Next Steps and Resources

- ❖ Obtain GeoPlatform/ArcGIS Online (AGOL) Accounts – 76 DSMs
 - Email to ensure correct contacts was distributed by Jim Irvine last week
- ❖ Beta test and finalize documentation and survey
- ❖ Distribute Handbook and Questionnaire to DSM and TL
- ❖ Host training sessions (live and recorded options)
- ❖ Provide Help Desk support
 - Questions with Inventory content:
NGDA Team NGDATeam@FGDC.gov
 - Help with GeoPlatform Enterprise AGOL Account and Survey 123 Access: GeoPlatform
ServiceDesk ServiceDesk@GeoPlatform.gov

❖ Communication Plan

- ❖ Ivan DeLoatch will email Steering Committee to alert them of kick-off and steps
- ❖ Email to DSM and TL will provide documentation resources and expectations
- ❖ Additional email to DSM with access token specific to NGDA

Review the “Companion Guide” document

- ❖ Describes the approach and includes:
 - ❖ Background
 - ❖ Requirements
 - ❖ Standards Categories and Definitions
 - ❖ Questions, clarifying statements, and picklist options
 - ❖ Other helpful resources
- ❖ **USE AS A WORKBOOK** to gather inputs from other SMEs and colleagues

Achieving an NGDA Geospatial Data and Metadata Standards Baseline Inventory

A Companion Guide

A Baseline Assessment to Meet Geospatial Data Act, Federal Data Strategy, and Other Requirements

Federal Geographic Data Committee

DRAFT version 0.4/

July 12, 2020



Geospatial Data and Metadata Standards Baseline Inventory

Demonstration!



NGDA Inventory & POC Updates

❖ Theme Executive Champion Change

NGDA Theme	New Theme Executive Champion	Previous Exec. Champion

❖ Theme Lead Change

NGDA Theme	New Theme Lead	Previous Theme Lead

❖ Dataset Manager Changes

NGDA Dataset Name	Theme	New Dataset Manager	Previous Dataset Manager
See next slide			

NGDA Inventory & POC Updates (cont.)

NGDA Dataset Name	Theme	New Dataset Manager	Previous Dataset Manager
Assisted Housing - Housing Choice Vouchers By Tract	Real Property	John Huggins	Jon Sperling
Assisted Housing - Multifamily Properties (Assisted) – National Geospatial Data Asset (NGDA)	Real Property	John Huggins	Jon Sperling
HUD Entitlement Grantee Jurisdiction	Governmental Units, and Administrative and Statistical Boundaries	John Huggins	Todd McNeil
Fair Market Rents (Fair Market Rents For The Section 8 Housing Assistance Payments Program)	Real Property	John Huggins	Todd McNeil
HUD Insured Multifamily Properties	Real Property	John Huggins	Todd McNeil
FHA Insured Single Family Properties	Real Property	John Huggins	Todd McNeil
Sustainable Communities Regional Planning Grantees - National Geospatial Data Asset (NGDA)	Real Property	John Huggins	Todd McNeil
FHA Single Family REO Properties For Sale	Real Property	John Huggins	Todd McNeil
Public Housing Authorities	Real Property	John Huggins	Todd McNeil
Public Housing Buildings	Real Property	John Huggins	Todd McNeil
Public Housing Developments	Real Property	John Huggins	Todd McNeil
Low Income Housing Tax Credit Properties	Real Property	John Huggins	Todd McNeil

2020 Theme Community Meeting Schedule

❖ Meeting Schedule, Agenda, Slides, and Notes:

<https://communities.geoplatform.gov/ngda-portfolio/meetings/>

Date	Time (Eastern)
Jan 9 (Thursday)*	1:00 - 2:30 ET
Feb 6 (Thursday)*	1:00 - 2:30 ET
Mar 11 (Wednesday)*	1:00 - 2:30 ET
Apr 7 (Tuesday)	1:00 - 2:30 ET
May 7 (Thursday)	1:00 - 2:30 ET
June 2 (Tuesday)	1:00 - 2:30 ET
July 16 (Thursday)*	1:00 - 2:30 ET
Aug 4 (Tuesday)	1:00 - 2:30 ET
Sep 3 (Thursday)	1:00 - 2:30 ET
Oct 6 (Tuesday)	1:00 - 2:30 ET
Nov 5 (Thursday)	1:00 - 2:30 ET
Dec 1 (Tuesday)	1:00 - 2:30 ET

** Denotes date adjustment due to holiday or other conflict*

Open Discussion

*Next Meeting:
Tuesday, August 4th, 2020
1:00 PM – 2:30 PM ET*

